

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed in an application entitled "**CAPACITIVE VACUUM MEASURING CELL**"

the specification of which X is attached hereto. X was filed on December 22, 1998 and assigned Application Serial No. 09/219,090 and was amended on 12/22/98.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority claimed	
<u>1997 2950/97</u>	<u>Switzerland</u>	<u>December 23, 1997</u>	<u>X</u>	<u> </u>
(Number)	(Country)	(Date filed)	Yes	No

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint:

William C. Cahill, Reg. No. 19,742; C. Robert von Hellens, Reg. No. 25,714; Charles R. Hoffman, Reg. No. 26,556; Marvin A. Glazer, Reg. No. 28,801; and Thomas G. Watkins III, Reg. No. 27,964;

my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all telephone calls to: Marvin A. Glazer, (602) 956-7000

Address all correspondence to: CAHILL, SUTTON & THOMAS P.L.C.

Attn: Marvin-A. Glazer
155 Park One
2141 East Highland Avenue
Phoenix, Arizona 85016

Wherefore I request that Letters Patent be granted to me for the invention or discovery described and claimed in the above-identified patent application.

Inventor's signature Per Björk Date December 21, 1998
Full name of sole or first inventor Per BJÖRKMAN
Residence Bastö, FL-22310 Palsböle, Aaland, Finland
Post Office Address Bastö, FL-22310 Palsböle, Aaland, Finland
Citizenship Finnish

Inventor's signature Ray Olsson Date December 21, 1998
Full name of sole or first inventor Ray OLSSON
Residence Mörby 81, FL-22240 Hammarland, Aaland, Finland
Post Office Address Mörby 81, FL-22240 Hammarland, Aaland, Finland
Citizenship Finnish



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 05, 2001

CAHILL, SUTTON & THOMAS. P.L.C.
MARVIN A. GLAZER
155 PARK ONE
2141 E. HIGHLAND AVENUE
PHOENIX, AZ 85016-4737

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CAHILL, SUTTON, THOMAS, P.L.C.

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 12/08/2000

REEL/FRAME: 011360/0158
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNAXIS TRADING LIMITED

DOC DATE: 09/20/2000

ASSIGNEE:

UNAXIS BALZERS LIMITED
P.O. BOX 1000
BALZERS, LIECHTENSTEIN FL-9496

SERIAL NUMBER: 09219090
PATENT NUMBER:

FILING DATE: 12/22/1998
ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

For Use By CS&T Docket Clerk Only
Remarks:
Date: 3-13-01 Signed: <i>JA</i>

FORM PTO-1619A

12-27-2000

U.S. Department of Commerce
Patent and Trademark Office
PATENT

101563579

RECORDATION FORM COVER SHEET
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Submission Type☒ New☐ Resubmission (non-Recordation)
Document ID# _____☐ Correction of PTO Error

Reel # _____ Frame # _____

☐ Corrective Document

Reel # _____ Frame # _____

Conveyance Type☒ Assignment☐ Security Agreement☐ License☐ Change of Name☐ Merger☐ Other _____**U.S. Government**

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File**Conveying Party(ies)**☐ Mark if additional names of conveying parties attachedName (line 1) Unaxis Trading LimitedMonth Day Year
09202000

Name (line 2) _____

Sec nd Party

Name (line 1) _____

Month Day Year

Name (line 1) _____

Receiving Party☐ Mark if additional names of receiving parties attachedName (line 1) Unaxis Balzers Limited

Name (line 2) _____

Address (line 1) P.O. Box 1000

Address (line 2) _____

Address (line 3) _____

Balzers

City

Liechtenstein

State/County

FL-9496

Zip Code

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

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12/26/2000 GTON11 00000098 09219090

01 FC:581

40.00 DP

Correspondent Name and AddressArea Code and Telephone Number (602) 956-7000Name Marvin A. GlazerAddress (line 1) CAHILL, SUTTON & THOMAS, P.L.C.Address (line 2) 155 Park OneAddress (line 3) 2141 E. Highland AvenueAddress (line 3) Phoenix, AZ 85016-4737**Pages** Enter the total number of pages of the attached conveyance document including any attachment.# 1**Application Number(s) or Patent Number(s)** Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY).

Patent Application Number(s)

09/219,090

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

1**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed XDeposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

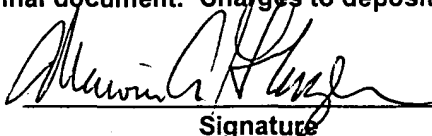
Deposit Account Number:

03-0088Authorization to charge additional fees: Yes X No **Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Marvin A. Glazer

Name of Person Signing



Signature

Dec. 4, 2000

Date

CERTIFICATE OF ASSIGNMENT

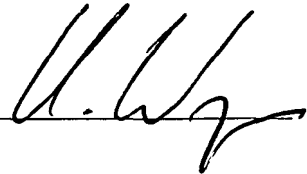
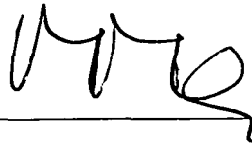
Title : U.S. Patent Application Serial No. 09/219,090, filed on December 22, 1998
entitled "Capacitive Vacuum Measuring Cell"

We, **Andreas Vogt and Urs Wegmann**, the undersigned, lawful representatives of **UNAXIS TRADING LIMITED** of CH-9477 Trübbach, Switzerland, do hereby declare that Unaxis Trading Limited is the true owner of the invention entitled as above and that it has assigned the entire right and interest in and to the above invention and to obtain patent in respect to said invention unto **UNAXIS BALZERS LIMITED** of FL-9496 Balzers, Principality of Liechtenstein or their successor so far as the United States of America are concerned.

Dated this 20 day of September, 2000.

Unaxis Trading Limited

Signature



Name

Andreas Vogt
President

Urs Wegmann
Board Member



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 16, 2001

PTAS

CAHILL, SUTTON & THOMAS, P.L.C.
MARVIN A. GLAZER
155 PARK ONE
2141 E. HIGHLAND AVENUE
PHOENIX, AZ 85016-4737



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RECORDATION DATE: 11/06/2000

REEL/FRAME: 011234/0104
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BALZERS HOCHVAKUUM AG

DOC DATE: 10/27/1999

ASSIGNEE:

UNAXIS TRADING LIMITED
P.O. BOX 1000
BALZERS, LIECHTENSTEIN FL-9496

SERIAL NUMBER: 09218934 *441-A-26*
PATENT NUMBER:

FILING DATE: 12/22/1998
ISSUE DATE:

SERIAL NUMBER: 09219090 *A-25*
PATENT NUMBER:

FILING DATE: 12/22/1998
ISSUE DATE:

DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
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JAN 24 2001

For Use By CS&T Docket Clerk Only
Remarks: <i>None Change</i> <i>Just file Rec'd A-26</i>
Date: <i>1-25-01</i> Signed: <i>[Signature]</i>

CAHILL, SUTTON, THOMAS, P.L.C.

11-16-2000

101518730
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11-6-00

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Reel # _____ Frame # _____

☐ Corrective Document

Reel # _____ Frame # _____

Conveyance Type☐ Assignment☐ Security Agreement☐ License☒ Change of Name☐ Merger☐ Other _____**U.S. Government**

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File**Conveying Party(ies)**☐ Mark if additional names of conveying parties attachedName (line 1) Balzers Hochvakuum AGMonth Day Year
10271999

Name (line 2) _____

Second Party

Name (line 1) _____

Month Day Year

Name (line 1) _____

Receiving Party☐ Mark if additional names of receiving parties attachedName (line 1) Unaxis Trading Limited

Name (line 2) _____

Address (line 1) P.O. Box 1000

Address (line 2) _____

Address (line 3) _____

BalzersLiechtensteinFL-9496

City

State/County

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)**Domestic Representative Name and Address**

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Name _____

Address (line 1) _____

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11/14/2000 MTHAI1 00000255 09218934

01 FC:581

80.00 OP

Correspondent Name and AddressArea Code and Telephone Number (602) 956-7000Name Marvin A. GlazerAddress (line 1) CAHILL, SUTTON & THOMAS, P.L.C.Address (line 2) 155 Park OneAddress (line 3) 2141 E. Highland AvenueAddress (line 3) Phoenix, AZ 85016-4737**Pages** Enter the total number of pages of the attached conveyance document
including any attachment.# 5**Application Number(s) or Patent Number(s)** Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY).

Patent Application Number(s)

09/218,934
09/219,090

Patent Number(s)

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signed by the first named executing inventor.Month Day Year
 Patent Cooperation Treaty (PCT)Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

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PCT

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PCT

Number of Properties

Enter the total number of properties involved.

2**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

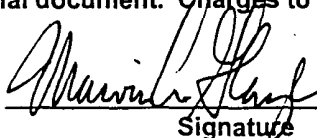
\$ 80.00Method of Payment:
Deposit AccountEnclosed XDeposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

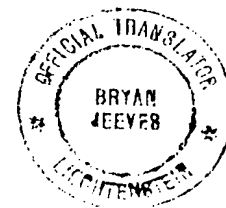
Deposit Account Number:

03-0088Authorization to charge additional fees: Yes X No **Statement and Signature**To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document. Charges to deposit account are authorized,
as indicated herein.Marvin A. Glazer

Name of Person Signing


SignatureNov. 2, 2000

Date



**EXTRACT FROM THE COMMERCIAL REGISTER OF THE
CANTON OF St. GALL, SWITZERLAND
MAIN REGISTER**

Company No. CH 320.3.040.000-8

Name: Unaxis Trading AG (See comment No. 4)
Unaxis Trading Ltd.
Unaxis Trading SA
(Formerly Balzers Hochvakuum AG, (see comment No. 1) Wartau,

Date of entry: 21. 12. 1995

Legal nature: Company Limited by Shares

Domicile: c/o Balzers AG, 9477 Trübbach

Capital: CHF 8,000,000.- fully paid up and divided into 8,000 registered shares each having a nominal value of CHF 1,000.-

Objects: The objects of the Company shall be the acquisition, holding and exploitation of patents and licences in the sphere of high technology, relating particularly to protection against wear in coating technology also of measuring devices and vacuum equipment. The Company may establish subsidiary companies and branches at home and abroad; it may also acquire participations.

Comments:

1. 1. The transferability of the registered shares is restricted in accordance with the provisions contained in the Articles. Date of Articles 20.06.1968 and 19.12.1995.
- 3, 4. The cancelled entries (in the original extract) relating to the time before the entry in the C. R. of the Canton of St. Gall, as well as possible earlier provisions in Articles, TB entries or SHAB quotations may be examined in the extracts from the Commercial Register of the previous domicile, which are filed in the Commercial Register files.
Date of Articles 18.06.1997 and 13.10.1999.

Concerning subscriptions in kind, assumption of subscriptions in kind, special advantages, participation certificates, refer to the SHAB (publication journal).

Company Notices: Shall ensue by registered letter.

Board of Directors:

Andreas Vogt, Liechtenstein citizen,
Balzers, Liechtenstein,
Chairman of the Board of Directors with joint signature rights
with one other person

Anton Angehrn,
from Muolen, in Buchs SG
Member of the Board of Directors with joint signature rights
with one other person

Erich Haefeli,
from Zurich and Klingnau, in Vaduz, Liechtenstein,
Member of the Board of Directors, with joint signature rights
with one other person

**RECORDATION FORM COVER SHEET
PATENTS ONLY.**

TO: The Commissioner of Patent and Trademark: Please record the attached original document(s) or copy(ies).

Submission Type☒ New☐ Resubmission (non-Recordation)

Document ID# _____

☐ Correction of PTO Error

Reel # _____ Frame # _____

☐ Corrective Document

Reel # _____ Frame # _____

Conveyance Type☐ Assignment☐ Security Agreement☐ License☒ Change of Name☐ Merger☐ Other _____**U.S. Government**

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File**Conveying Party(ies)**☐ Mark if additional names of conveying parties attachedName (line 1) Balzers Hochvakuum AG

Name (line 2) _____

Month Day Year
10271999**Second Party**

Name (line 1) _____

Name (line 1) _____

Month Day Year

_____**Receiving Party**☐ Mark if additional names of receiving parties attachedName (line 1) Unaxis Trading Limited

Name (line 2) _____

Address (line 1) P.O. Box 1000

Address (line 2) _____

Address (line 3) _____

BalzersLiechtensteinFL-9496

City

State/County

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

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Correspondent Name and AddressArea Code and Telephone Number (602) 956-7000Name Marvin A. GlazerAddress (line 1) CAHILL, SUTTON & THOMAS, P.L.C.Address (line 2) 155 Park OneAddress (line 3) 2141 E. Highland AvenueAddress (line 3) Phoenix, AZ 85016-4737**Pages** Enter the total number of pages of the attached conveyance document
including any attachment.# 5**Application Number(s) or Patent Number(s)** Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY).

Patent Application Number(s)

09/218,934
09/219,090

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was
signed by the first named executing inventor.Month Day Year
 Patent Cooperation Treaty (PCT)Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

2**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 80.00

Method of Payment:

Enclosed XDeposit Account

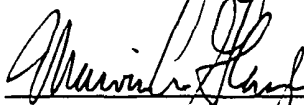
Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

03-0088Authorization to charge additional fees: Yes X No **Statement and Signature**To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document. Charges to deposit account are authorized,
as indicated herein.Marvin A. Glazer

Name of Person Signing


SignatureNov. 2, 2000

Date



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 26, 1999

PTAS

CAHILL, SUTTON & THOMAS, P.L.C.
MARVIN A. GLAZER
2141 EAST HIGHLAND, SUITE 155
PHOENIX, AZ 85016



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JUN - 4 1999

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 02/22/1999

REEL/FRAME: 9803/0041

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BJOERKMAN, PER

DOC DATE: 12/21/1998

ASSIGNOR:

OLSSON, RAY

DOC DATE: 12/21/1998

ASSIGNEE:

BALZERS HOCHVAKUUM GMBH
CH-9477 TRUEBBACH, SWITZERLAND

SERIAL NUMBER: 09219090

FILING DATE: 12/22/1998

PATENT NUMBER:

ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

For U:
Dock
Remarks: 4441-A-25
Date: 6-8-99

03-15-1999



IEET

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents

100981512

and original documents or copy thereof

1. Name of conveying party(ies):

Per BJOERKMAN
Ray OLSSON

Additional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

2-22-99

2. Name and address of receiving party(ies):

BALZERS HOCHVAKUUM GmbH
a corporation incorporated under
the laws of Switzerland
and having a principal place of business at
CH- 9477
Truebbach, Switzerland

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 21, 1998

4. Application number(s) or patent number(s):

A. Patent Application No. (s)

09/219,090

Additional numbers attached? ☐ Yes ☒ No

B. Patent No.(s)

5. Name and address of party to whom correspondence
concerning document should be mailed:

Marvin A. Glazer, Esq.
CAHILL, SUTTON & THOMAS, P.L.C.
2141 E. Highland
Suite 155
Phoenix, Arizona 85016

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) \$40.00

- ☒ Enclosed
☒ Authorized to be charged to deposit account (if
deficiency)

8. Deposit account number: 03-0088

(Attach duplicate copy of this page if paying by deposit
account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the
original document.

Marvin A. Glazer
Name of Person Signing

Marvin A. Glazer
Signature

Feb. 18 1999
Date

4441-A-25

Total number of pages including cover sheet, attachments, and document: 3

40E

ASSIGNMENT

This Assignment is made and executed this 21 day of December, 1998, by and from:

Per BJOERKMAN)	
an individual residing at)	
Bastö, FL-22310 Palsböle, Aaland)	Hereinafter referred
Finland)	to as "ASSIGNORS"
	and	
Ray OLSSON)	
an individual residing at)	
Mörby 81, FL-22240 Hammarland, Aaland)	
Finland)	
	to	
BALZERS HOCHVAKUUM GmbH)	Hereinafter referred to
a corporation incorporated)	as "ASSIGNEE"
under the laws of Switzerland)	
and having a principal place)	
of business at)	
CH-9477)	
Truebbach, Switzerland)	
_____)	

WITNESSETH:

WHEREAS, ASSIGNORS are the inventors of the improvements described and claimed in the application for United States Letters Patent executed concurrently herewith and entitled, "CAPACITIVE VACUUM MEASURING CELL", hereinafter referred to as "PATENT RIGHTS"; and

WHEREAS, ASSIGNORS desire to assign all of their right, title and interest in and to the above-identified PATENT RIGHTS to ASSIGNEE.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

1. ASSIGNORS hereby sell and assign to ASSIGNEE, its successors and assigns, their entire right, title and interest in and to the improvements described and claimed in the above-identified PATENT RIGHTS, including: (a) any and all patents and applications therefor based upon said improvements; (b) any and all divisions, reissues, continuations and extensions based upon the above-identified patents and applications therefor; and (c) any and all rights of priority resulting from the filing of any of the above-identified patent applications in the United States or any other country.

2. ASSIGNORS hereby authorize and request any official whose duty it is to issue patents to issue any patent or any reissue patent which may be based upon the improvements described and claimed in the above-identified PATENT RIGHTS to ASSIGNEE or its successors and assigns.

3. ASSIGNORS hereby agree upon request and without further consideration, but at the expense of the Assignee: (a) to communicate to ASSIGNEE, or its representatives or nominees, any facts known to ASSIGNORS relating to the above-identified PATENT RIGHTS; (b) to testify in any legal proceeding relating to the above-identified PATENT RIGHTS; (c) to sign and execute all lawful papers and to make all lawful oaths or declarations relating to the above-identified PATENT RIGHTS, including documents relating to divisional, continuing, and reissue applications in the United States and applications in other countries; and (d) to perform all acts reasonably necessary to aid ASSIGNEE, its successors, assigns and nominees in obtaining and enforcing patent protection in the United States and other countries covering those improvements described and claimed in the above-identified PATENT RIGHTS.

December 21, 1998
Date

Per Björkman
Per BJOERKMAN

December 21, 1998
Date

Ray Olsson
Ray OLSSON

Burn Bryan Jeeves Esq.

Generalist, Interpreter and Translator
Dolmetscher und Übersetzer



Postfach 10
CH-9400 Vaduz, Fürstentum Liechtenstein
Tel. (076) 22 21 37, Tele. 880 384 16 ff
Fax (076) 22 21 37

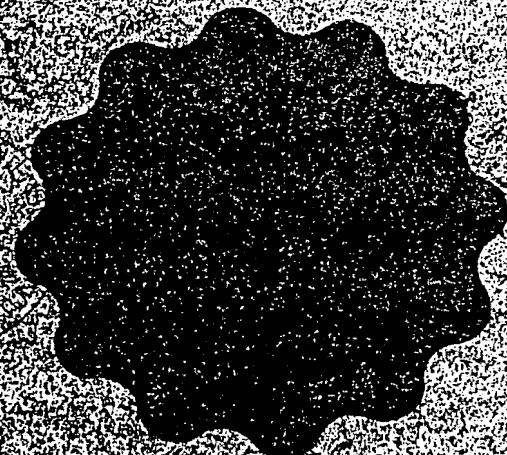
Bryan Jeeves, Generalist, Interpreter and Translator, duly admitted by the Principality of Liechtenstein Government, hereby certifies that the attached translation is a full, true and faithful translation of the original made by me.

Herr Bryan Jeeves in Eigenschaft eines allgemein-berufenen und durch die Fürstlich Liechtensteinische Regierung amtlich zugelassenen Dolmetschers sowie Übersetzers bescheinigt, dass die beigelegte Übersetzung auf Grund des Originals vollständig und wahrheitsgetreu durch mich übersetzt wurde.

Signed and sealed
Vaduz, this 21 day of SEP 1999

Bryan Jeeves

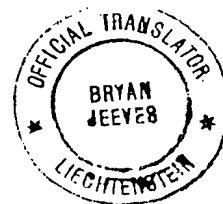
4071/9



Die Echtheit der Unterschrift des
Herrn Bryan JEEVES
Städte 7, 9400 Vaduz
wird amtlich bestätigt.
Fürst. Liechtenstein, Landesrichtskanzlei
Vaduz, den 27. SEP 1999

Duly admitted for the Principality
of Liechtenstein

Zugelassen für das Gebiet des
Fürstentums Liechtenstein



Urs Wegmann,
from Winterthur and Volketswil, in Oberachen (Wartau),
Member of the Board of Directors, with joint signature rights
with one other person

Kaspar Hanselmann,
from Wartau, in Oberschan (Wartau)
Member of the Board of Directors, with joint signature rights
with one person

Auditors:

ATAG Ernst & Young AG, Zurich

Copy attested 27. October 1999

(signed)

The Registrar

This extract is not valid without the above original attestation. When specially demanded an extract may be also provided which contains only the entries which are at present valid.



Handelsregister des Kantons

CH-320.3.040.000-8

Unaxis Trading AG

Alle Eintragungen

St. Gallen, 27.10.1999 07:50

Dieser Auszug
Gültigkeit
werden, d

Kopie beglaubigt

27. Okt. 1999

Der Registerführer - St. Gallen

Handelsregister des Kantons St. Gallen - Hauptregister

Firmennummer	Rechtsnatur	Eintragung	Löschung	Übertrag von: auf:	
CH-320.3.040.000-8	Aktiengesellschaft	21.12.1995			1

Alle Eintragungen

Ei	Lö	Firma	Ref	Sitz
1		Balzers-Hochvakuum-AG	0	bisher in Zürich
1	4	(Balzers-technique-du-vide SA) (Balzers S.p.A. tecnica dell'alto-vuoto)	1	Wartau
4		Unaxis Trading AG		
4		(Unaxis Trading Ltd) (Unaxis Trading SA)		

Ref	Aktienkapital (CHF)	Liberierung (CHF)	Aktien-Stückelung	Ref	Adresse der Firma
1	8'000'000.--	8'000'000.--	8'000 Namenaktien zu CHF 1'000.--	1	c/o Balzers AG 9477 Trübbach
Ref	PS-Kapital (CHF)	Liberierung (CHF)	Partizipationsscheine		

Ei	Lö	Zweck	Ref
1	1	Vertrieb von technischen Geräten aller Art, insbesondere von Hochvakuumgeräten und -anlagen unter den Markenbezeichnungen "Balzers" und "Pfeifer", sowie von unter Verwendung von Vakuum hergestellten Produkten, usw.	
1		Erwerb, Halten und Verwertung von Patenten und Lizenzen im Bereich Hochtechnologie, insbesondere im Verschleisschutz, in der Beschichtungstechnik sowie von Messgeräten und Vakuumzubehör; die Gesellschaft kann im In- und Ausland Tochtergesellschaften und Zweigniederlassungen gründen sowie Beteiligungen erwerben.	

Ei	Lö	Bemerkungen	Ref	Statutendatum
1		Die Übertragbarkeit der Namenaktien ist nach Massgabe der Statuten beschränkt.	1	20.06.1968
1		Die vor der Eintragung im Kanton St. Gallen gestrichenen Tatsachen, sowie allfällige frühere Statutendaten oder Tagebuch- und SHAB-Zitate können im Registerauszug des bisherigen Sitzes, welcher bei den abgelegten Handelsregisterakten liegt, eingesehen werden.	1	19.12.1995
3		Die Mitteilungen der Gesellschaft an die Aktionäre erfolgen durch eingeschriebenen Brief.	3	18.06.1997
			4	13.10.1999

Ei	Lö	Sacheinlagen, Sachübernahmen, bes. Vorteile, Genussscheine	Ref	Publikationsorgan
			1	SHAB

Ei	Lö	Zweigniederlassung	Ei	Lö	Zweigniederlassung	Ei	Lö	Zweigniederlassung	Ei	Lö	Zweigniederlassung

Zei	Ref	TB-Nr	TB-Datum	SHAB	SHAB-Datum	Seite	Zei	Ref	TB-Nr	TB-Datum	SHAB	SHAB-Datum	Seite
MH	1	8692	21.12.1995	252	29.12.1995	7050	GE	4	6747	20.10.1999	208	26.10.1999	7308
EH	2	3634	23.05.1996	103	30.05.1996	3144							
GE	3	4946	08.07.1997	132	14.07.1997	4952							

Leg: P = Präsident(in) des VR	VR = Verwaltungsrat	GF = Geschäftsführer(in)	EU = Einzelunterschrift
VP = Vizepräsident(in) des VR	Liq = Liquidator(in)	b.a = beschränkt auf	KU = Kollektivunterschrift
Del = Delegierte(r) des VR	GD = Generaldirektor(in)	HS = Hauptsitz	EP = Einzelprokura
M = Mitglied des VR	D = Direktor(in)	ZN = Zweigniederlassung	KP = Kollektivprokura
S = Sekretär(in)	VD = Vizedirektor(in)	ZB = Zeichnungsberechtigt.	Stv = Stellvertreter(in)

Ei	Ae	Lö	Personalangaben	Funktion	Zeichnungsart
1		1	Klaus, Heinz, von Kirchberg SG, in Schaan (FL)	Präsident	KU zu zweien
1		1m	Angehern, Anton, von Muolen, in Sevelen	Mitglied	KU zu zweien
1			Hanselmann, Kaspar, von Wartau, in Oberschan (Wartau)	Mitglied	KU zu zweien
1		1	Leder, André B., von Basel, in Zollikon	Geschäftsführer	KU zu zweien
1		1	Born, Hans-Peter, von Thunstetten, in Langnau am Albis		KP zu zweien
1		1	Kaufmann, Markus, von Schänis, in Uster		KP zu zweien
1		1	Rehsteiner, Ernst, von Zürich und Walzenhausen, in Fällanden		KP zu zweien
1		1	Willi, Alex, von Sargans, in Sargans		KP zu zweien
1			ATAG Ernst & Young AG, in Zürich	Revisionsstelle	
1			Vogt, Andreas, liechtensteinischer Staatsangehöriger, in Balzers (FL)	Präsident	KU zu zweien
1		1	Angehern, Anton, von Muolen, in Buchs SG	Mitglied	KU zu zweien
2			Haefeli, Erich, von Zürich und Klingnau, in Vaduz (FL)	Mitglied	KU zu zweien
2			Wegmann, Urs, von Winterthur und Volketswil, in Oberschan (Wartau)	Mitglied	KU zu zweien



Handelsregister des Kantons St. Gallen - Hauptregister

CH-320.3.040.000-8	Unaxis Trading AG	Wartau	2
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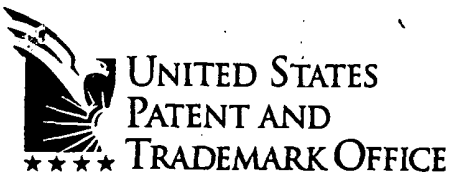
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St. Gallen, 27.10.1999 07:50

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Kopie beglaubigt
27. Okt. 1999
Der Registerführer - St. Gallen

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MARVIN A. GLAZER
155 PARK ONE
2141 EAST HIGHLAND AVENUE
PHOENIX, ARIZONA 85016

PTAS CAHILL, SUTTON, THOMAS, P.L.C.

Chief Information Officer
Washington, DC 20231
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RECORDATION DATE: 02/13/2002

REEL/FRAME: 012611/0724
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNAXIS BALZERS LIMITED

DOC DATE: 01/08/2002

ASSIGNEE:

INFICON GMBH, A CORP. OF
SWITZERLAND
CH-7310 BAD RAGAZ, SWITZERLAND

SERIAL NUMBER: 09219090
PATENT NUMBER:

FILING DATE: 12/22/1998
ISSUE DATE:

SERIAL NUMBER: 09218934
PATENT NUMBER:

FILING DATE: 12/22/1998
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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A-26	
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Patent and Trademark Office
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Month Day Year
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Name (line 2)

Second Party

Name (line 1)

Month Day Year

Name (line 1)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) INFICON GmbH

Name (line 2) a corporation of Switzerland

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Address (line 2)

Address (line 3) Bad Ragaz
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Correspondent Name and AddressArea Code and Telephone Number (602) 956-7000Name Marvin A. GlazerAddress (line 1) Cahill, Sutton & Thomas, P.L.C.Address (line 2) 155 Park OneAddress (line 3) 2141 East Highland AvenueAddress (line 4) Phoenix, AZ 85016**Pages** Enter the total number of pages of the attached conveyance document
including any attachment.# 2**Application Number(s) or Patent Number(s)** Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH NUMBERS FOR THE SAME PROPERTY).

Patent Application Number(s)

09/219,09009/218,934

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was
signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

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Number of Properties

Enter the total number of properties involved.

1**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 80.00

Method of Payment:

Enclosed XDeposit Account

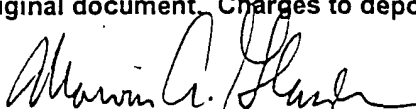
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03-0088Authorization to charge additional fees: Yes X No **Statement and Signature**To the best of my knowledge and belief, the foregoing information is true and correct and any
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as indicated herein.Marvin A. Glazer

Name of Person Signing



Signature

Jan. 24, 2002

Date

PATENT ASSIGNMENT

This Assignment is made this 8th day of January, 2002, by and from:

UNAXIS BALZERS LIMITED,)	
a corporation of Liechtenstein)	
having offices at)	Hereinafter referred
FL-9496 Balzers)	to as "ASSIGNOR"
LIECHTENSTEIN)	
)	
	to	
)	
INFICON GmbH)	Hereinafter referred
a corporation of Switzerland)	to as "ASSIGNEE"
having offices at)	
CH-7310 Bad Ragaz)	
Switzerland)	
)	

RECITALS

ASSIGNOR is the sole and exclusive owner of the United States Patent Applications identified below, as well as the improvements described and claimed in such United States Patent Applications:

1. U.S. Patent Application No. 09/219,090, filed December 22, 1998, and entitled "CAPACITIVE VACUUM MEASURING CELL;" and
2. U.S. Patent Application No. 09/218,934, filed on December 22, 1998, entitled "MEMBRANE FOR CAPACITIVE VACUUM MEASURING CELL."

The U.S. Patent Applications identified above, and the improvements described and claimed therein, shall hereinafter collectively be referred to as "Patent Rights."

Pursuant to a prior Agreement, between ASSIGNOR and ASSIGNEE, ASSIGNOR and ASSIGNEE agreed to assign said Patent Rights to ASSIGNEE.

ASSIGNOR and ASSIGNEE mutually desire such assignment of said Patent Rights to be evidenced by a document suitable for recordation in the United States Patent and Trademark Office.

NOW, THEREFORE, in consideration of the above, and in consideration of Ten Dollars (\$10.00) and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR, ASSIGNOR agrees as follows:

1. ASSIGNOR does hereby sell and assign to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the improvements described and claimed in the above-identified Patent Rights, including:
 - a. U.S. Patent Application No. 09/219,090, filed December 22, 1998, and entitled "CAPACITIVE VACUUM MEASURING CELL;"

b. U.S. Patent Application No. 09/218,934, filed on December 22, 1998, entitled
"MEMBRANE FOR CAPACITIVE VACUUM MEASURING CELL;"

c. any and all United States patents and United States patent applications therefor based
upon said improvements; and

d. any and all United States divisions, reissues, continuations, and extensions based upon
the above-identified patents and applications therefor;


the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term or terms for which said patents have been or may be granted or reissued as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of said patents, with the right to sue and collect for such claims for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

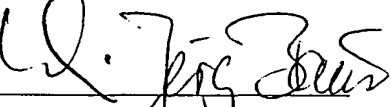
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January 8, 2002
Date

UNAXIS BALZERS LIMITED

By: 
Title: General Counsel,
Legal Department


Jörg Baur
Manager,
Patent Department